

CDF Operations Report

JJ Schmidt 22-July-2004 CDF Weekly Meeting



STORE SUMMARY

Store	Start Date	Duration (hours)	Inst Lum Initial e30 cm-2 s-1	Int. Lum Delivered nb-1	Live Lum nb-1	All Good nb-1	Tevatron Terminate
3655 [#]	7/15	30.4	81.5	3,482	2,548 73%	2,184 63%	OK
3657	7/16	31.9	111.7	4,457	3,629 81%	3,564 80%	ОК
3659	7/17	15.8	31.3	1,175	1,063 90%	980 83%	ОК
3661	7/18	35.1	79.3	3,549	3,164 89%	3,164 89%	OK*
3663	7/20	32.6	97.9 ⁺	3,863	2,993 78%	2,726 71%	OK
3665	7/21		92.9 ⁺	ONGOING STORE			
Total 3655-3663		145.9		16,526	13,397 81%	12,617 76%	
Total FY04 3033-3663		3,273		291,024	229,827 79%	165,686 57%	

⁺ Mixed Mode Shot

^{*} Store 3661 quenched during end-of-store study.

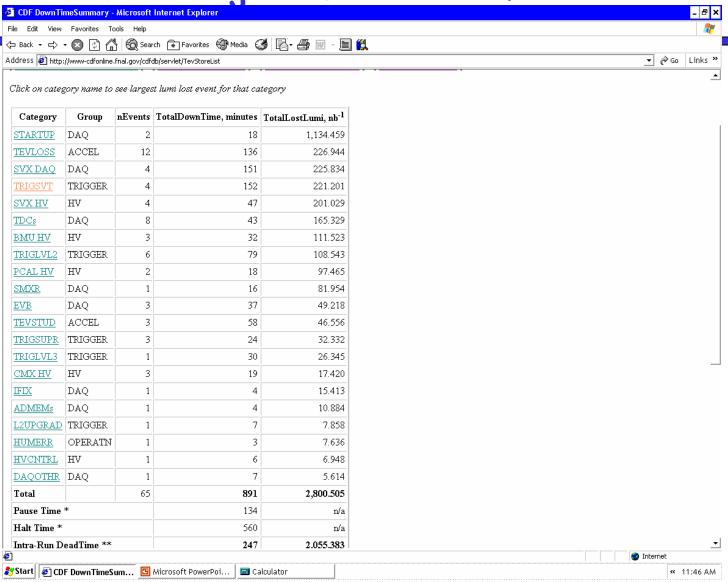


STORE SUMMARY (cont'd)

Store	Initial DEAD@Lumi e30 cm-2 s-1	Int. Lum Delivered nb-1	Int.Dead Lum nb-1	Down Time Logger nb-1	"DAQ Dead" nb-1	Mystery nb-1
3655	10%@79	3,482	935	664	98 3.9%	173
3657	75%@108	4,457	828	332	182 5%	314
3659	1%@31	1,175	112	58	22 2.1%	32
3661	9%@76	3,549	385	200	105 3.3%	80
3663	25%@94	3,863	870	502	160 4.8%	208
3665	17%@85					



Major Down Times





OFFLINE STATUS

- From: Soon Jun. 22 Juy 2004
- Subject: offline news
- Here is the offline news for this week, which can be
- included in your Ops report for the weekly meeting.
- I) CDF Farm
- 1) Data Processing (as of 7/21/2004)
- the last run processed and concatenating:
- Run 185281 (7/18/2004) for A,B,C,E,G,H,J Streams
- 2) Scheduled down-time this morning (cdffarm2 and fnpcc)
- to relocate rack position for servers
- 3) the early period of Stream A [138425,150823] (4.4M events)
- re-processing requested (Regis Lefevre and Mario Martinez-Perez)
- and approved to check offline bits
- II) Express Production and Physics Monitoring:
- 1) processed up to 185332 (7/21/2004)
- 2) web based physics monitoring plots at
- http://fcdfwww.fnal.gov/~cdfopr/offline_mon/index.html
- Thanks,
- ---Soon and Tomo



CDF STATUS

- COT full ON getting reading to switch from Argon-Ethane-Air to Argon-Ethane-O₂
- Tevatron beam conditions mostly good for Silicon
- Tevatron reliable last week "mixed mode" stores with pbars from both accululator and recycler appear to be almost operational
- Current trigger table handles 110E30 with only 75% deadtime. Deadtime less than 5% integrated over store.